

#10 Response
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Brad Sherbuck - Secretary to Gavin N. Manning

Attorney Docket No. S168 0114
GNM/RAJ/bds

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

Inventor(s): LEUNG, Albert M.

Title: **GAS PRESSURE SENSOR BASED ON SHORT-DISTANCE HEAT CONDUCTION AND METHOD FOR FABRICATING SAME**

Serial No.: 09/788437

Filed: 21 February 2001

Examiner: Marissa L. FERGUSON

Art Unit: 2855

Date: 24 January 2003

Commissioner for Patents
Washington, D.C. 20231

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FEB 04 2003

Dear Sir:

RESPONSE

TECHNOLOGY CENTER 2800

This is in response to the Office Action mailed on 6 November 2002.

Claims 1-21 and 30-43 remain pending.

The Examiner has rejected claims 1-21 and 30-43. The Examiner has expressed the view that these claims are obvious in light of Fushinobu (US patent No. 6,127,765) and Smith (US patent No. 6,343,514), taken in combination with various other references.

Fushinobu discloses a micro-electromechanical device (20) comprising a substrate (21) having a cantilever member (22) formed thereon. Cantilever member (22) must be moveable relative to substrate (21) for device (20) to function properly. Stiction of cantilever member (22) to substrate (21) would render device (20) inoperable (see column 1, lines 25-30 and column 3, lines 7-12). A resistor (23) formed in substrate (21) acts as a heating element, and is activated upon the occurrence of stiction between substrate (21) and